

In the Claims

1-10. (cancelled)

11. (currently amended) A process for producing a flat commutator, comprising the steps of:

forming a metal carrier body with segment support parts;

forming a hub of electrically insulating material coupled to the carrier body;

joining an annular disk in an electrically conductive and strong mechanical manner to the carrier body on a side thereof opposite to the hub, the annular disk being resistive to a reactive environment;

dividing the carrier body to separate the segment support parts and to form exposed surfaces of the segment support parts by separation thereof;

dividing the annular disk into annular segments; and

coating the exposed surfaces of the segment support parts formed by the dividing of the carrier body with an environment resistant coating by currentless deposition carried out from one of a solution and a suspension.

12. (previously added) A process according to claim 11 wherein said annular disk contains carbon.

13. (previously added) A process according to claim 11 wherein the carrier body is divided into segment support parts after joining the annular disk thereto.

14. (previously added) A process according to claim 13 wherein the carrier body and the annular disk are divided in one step.
15. (previously added) A process according to claim 14 wherein the carrier disk and the annular disk are cut in combination by one of abrasive cutting and sawing.
16. (previously added) A process according to claim 11 wherein only the exposed surfaces of the segment support parts are selectively coated.
17. (previously added) A process according to claim 11 wherein the coating is tin, silver or chromium.
18. (previously added) A process according to claim 11 wherein the coating forms a layer having a thickness between 0.1 and 10 μ m.